

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB 03/04693

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01L33/00 H01L21/208

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L C30B C22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JEONG S-H ET AL: "PREPARATION OF ALIGNED CARBON NANOTUBES WITH PRESCRIBED DIMENSIONS: TEMPLATE SYNTHESIS AND SONICATION CUTTING APPROACH" CHEMISTRY OF MATERIALS, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 14, no. 4, April 2002 (2002-04), pages 1859-1862, XP001163195 ISSN: 0897-4756 the whole document	1, 3, 4, 7, 10
X	WO 01/57917 A (XIDEX CORP ;MANCEVSKI VLADIMIR (US)) 9 August 2001 (2001-08-09) abstract; figure 12A --- -/--	1, 8-10, 12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

22/04/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LOISEAU A ET AL: "Boron nitride nanotubes" CARBON, ELSEVIER SCIENCE PUBLISHING, NEW YORK, NY, US, vol. 36, no. 5-6, 1998, pages 743-752, XP004124265 ISSN: 0008-6223 the whole document ----	1,2,6,10
X	EP 0 951 047 A (CANON KK) 20 October 1999 (1999-10-20) figures 18,19; examples 6,14 ----	1,2,10
A	WO 02/17362 A (CUI YING ;DUAN XIANGFENG (US); HARVARD COLLEGE (US); HUANG YUNG SH) 28 February 2002 (2002-02-28) page 60, line 16 -page 61, line 11 ----	10,12
A	GUDIKNEN M S ET AL: "GROWTH OF NANOWIRE SUPERLATTICE STRUCTURES FOR NANOSCALE PHOTONICS AND ELECTRONICS" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 415, 7 February 2002 (2002-02-07), pages 617-620, XP001122834 ISSN: 0028-0836 the whole document -----	5,13

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